

ZIN-5005HD

User's Manual



Safety Instructions

This product has been engineered and manufactured to assure your personal safety. However, improper use can result in potential electric shock or fire hazards. In order not to defeat the safe-guards incorporated in this instrument and its accessories, please adhere to the following instructions when installing, operating and servicing.

Power Source Warning

- ◆ A marking label attached on the rear side of the adapter (supplied) indicates the correct power source for this equipment. Operate this product only from an electrical outlet with the voltage and frequency indicated on the product label. Incorrect power source may result in a risk of electric shock or fire. If you are uncertain of the type of power supplied to your home, consult your local power company or appliance dealer.
- ◆ Only use the power cord and adapter provided by the manufacturer. Internal component may be damaged if you use a different adapter to power this product. To avoid electric shock and fire hazard, match the plug and outlet connections carefully, then fully insert. If the plug fails to fit the outlet, please contact an electrician to update your power outlets.
- ◆ Do not overload electrical outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock. And to prevent power cord damage, arrange all power cords so that people cannot walk on the cords. Do not place objects on the cords.
- ◆ Place this product in a location that is close enough to an electrical outlet and where the power cord is easily accessible to be disconnected from the wall outlet.

Usage Warning

- ◆ To reduce the risk of electric shock, do not remove the cover or attempt to disassemble this product. There are no user-serviceable parts inside. Please refer all servicing to qualified service personnel.
- ◆ Protect this product from foreign objects. Never push object of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock.
- ◆ Do not expose this product to liquids, rain or moisture.
- ◆ This product has ventilation openings that protect it from overheating. Never block or cover these openings. And do not place this product near heat sources such as radiators, heat registers, stoves or other products producing heat.
- ◆ Before cleaning or wiping this product, make sure your power cord is already unplugged from the electrical outlet. Only use damp cloth to clean this product, and never use a liquid cleaner or an aerosol cleaner.
- ◆ During a thunderstorm, or when this product is unused for long periods of time, unplug power cord from the wall outlet. This will prevent damage to the product due to lightning and power-line surges.

Service Warning

- ◆ Refer all servicing to qualified service personnel. For damage that requires service, please unplug your power cord from the AC outlet first, and contact your dealer or servicing personnel to obtain service for the following conditions.
- ◆ If there is damage to the adapter, power cord or plug.
- ◆ If liquid enters this product.
- ◆ If you drop this product, a heavy object falls on this product, or damage occurs to the cover of this product.
- ◆ If you expose this product to rain or water.
- ◆ If this product does not operate normally by following the operating instructions.
- ◆ If this product exhibits a distinct change in performance.

Table of Contents

I INTRODUCTION

Package Content 5

Specifications 6

Front View 7

Back View 7

Remote Control 8

II SETTING UP FOR ZIN-5005HD

Connections 11

Connect to the Internet 11

Connect to USB Devices 13

Power On 13

Turn On ZIN-5005HD 13

Select the Video Output/Resource 13

III NETWORK CONNECTIONS

Wired 15

Wireless 16

File Sharing Configuration 19

IV MEDIA CENTER

Select Media Sources 21

Video Playback 23

Music Playback 25

Photo Playback 26

V BONUS FEATURES

Torrent Download 29

VI SETUP MENU

Audio 31

Video 32

System 33

Miscellaneous 34

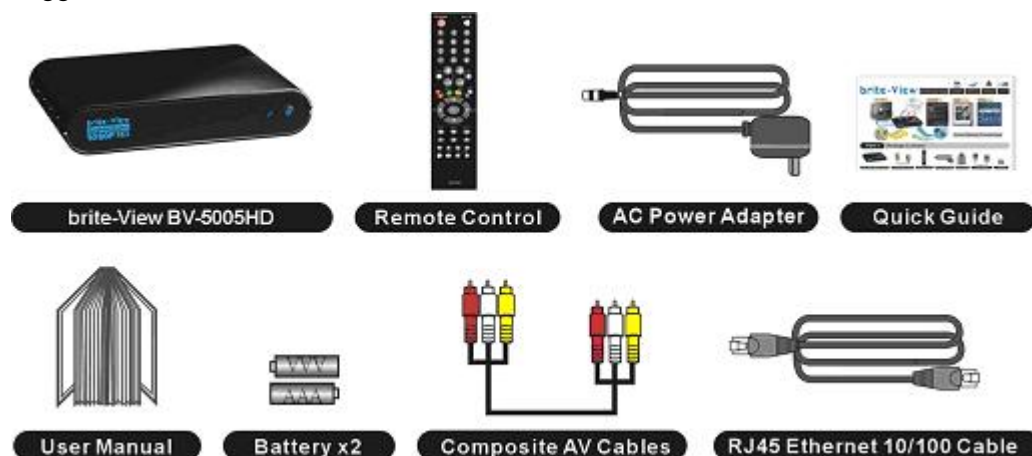
VII Troubleshooting

1 INTRODUCTION

ZIN-5005HD is a high-definition multimedia player and streamer connecting to the external USB and drives and your HD TV, bringing PC and internet entertainment to the living room. ZIN-5005HD is also a BitTorrent downloader with built-in BitTorrent engine. It downloads media files into the attached USB hard drives corresponding to the BitTorrent seeds already saved on the USB drive. Playing and downloading your favorite media files is now PC-free. It supports most video/audio/image formats so you do not need to convert downloaded media to another format. You can plug in your USB devices to the ZIN-5005HD to play music, movies and pictures on TV by following the on-screen display (OSD) menu. The ZIN-5005HD can also access the shared folders on the remote PCs through the intranet (local area network) and play the digital media files there on your TV. It supports high-definition media playback with HDMI output.

Package content

Please make sure the following items are included within your new ZIN-5005HD package. If any item is missing or damaged, please email us at info@i-bt.com.tw. ZIN-5005HD might not be compatible with some accessories made by other manufacturers. We highly recommend that you use only the specific accessories we suggest.



Specification

Interfaces

Video Output: HDMI 、YPbPr 、Composite Video

Audio Output: Audio L/R 、S/P DIF (Optical)

Data Transfer: USB x 2 、Ethernet Port

General Specifications:

Support Media Format:

Video:

MPEG1 (AVI/MKV/TS/DAT/MPG/MPEG/VOB)

MPEG2

(MKV/DAT/MPG/MPEG/VOB/ISO/IFO/TS/TP)

/M2TS

MPEG4 (AVI/MP4/MKV/MOV/WMV/ASF)

DivX 3/4/5/6 、Xvid (AVI/MKV/MP4/MOV)

H.264/AVC

(TS/AVI/MP4/MKV/MOV/FLV)/M2TS

VC-1 (TS/AVI/ASF/WMV)/M2TS

WMV9 (ASF/WMV)

Real Video 8/9/10 (RM/RMVB)

Audio:

MP3 、MPEG Audio 、Dolby Digital 、DTS 、

WMA 、PCM 、LPCM 、ADPCM 、FLAC 、WAV 、

AAC 、RA 、OGG 、MKA

Photo: HD JPEG 、GIF 、PNG 、BMP 、TIF 、TIFF

Subtitle: SRT 、SMI 、SUB 、SSA 、IDX+SUB

USB Device File Systems:

EXT3 、NTFS 、FAT16/32

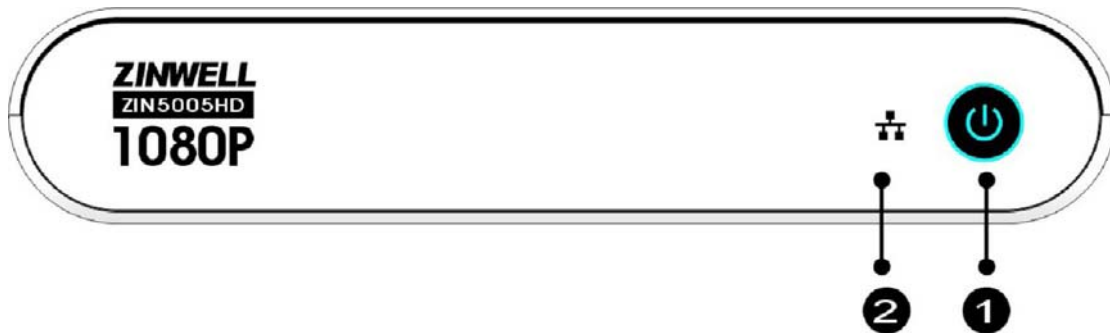
Decoding: Up to 1080p (RMVB up to 720p)


Output: Up to 1080p

Dimension: 204 mm× 145.4 mm× 40 mm

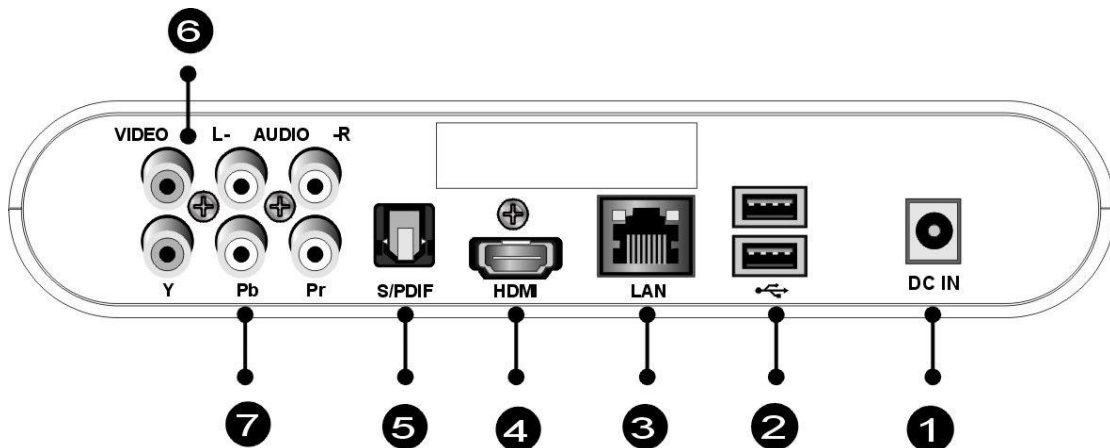
Power Supply: 100~240V ±10% input voltage/ 12V @ 2A

Front View



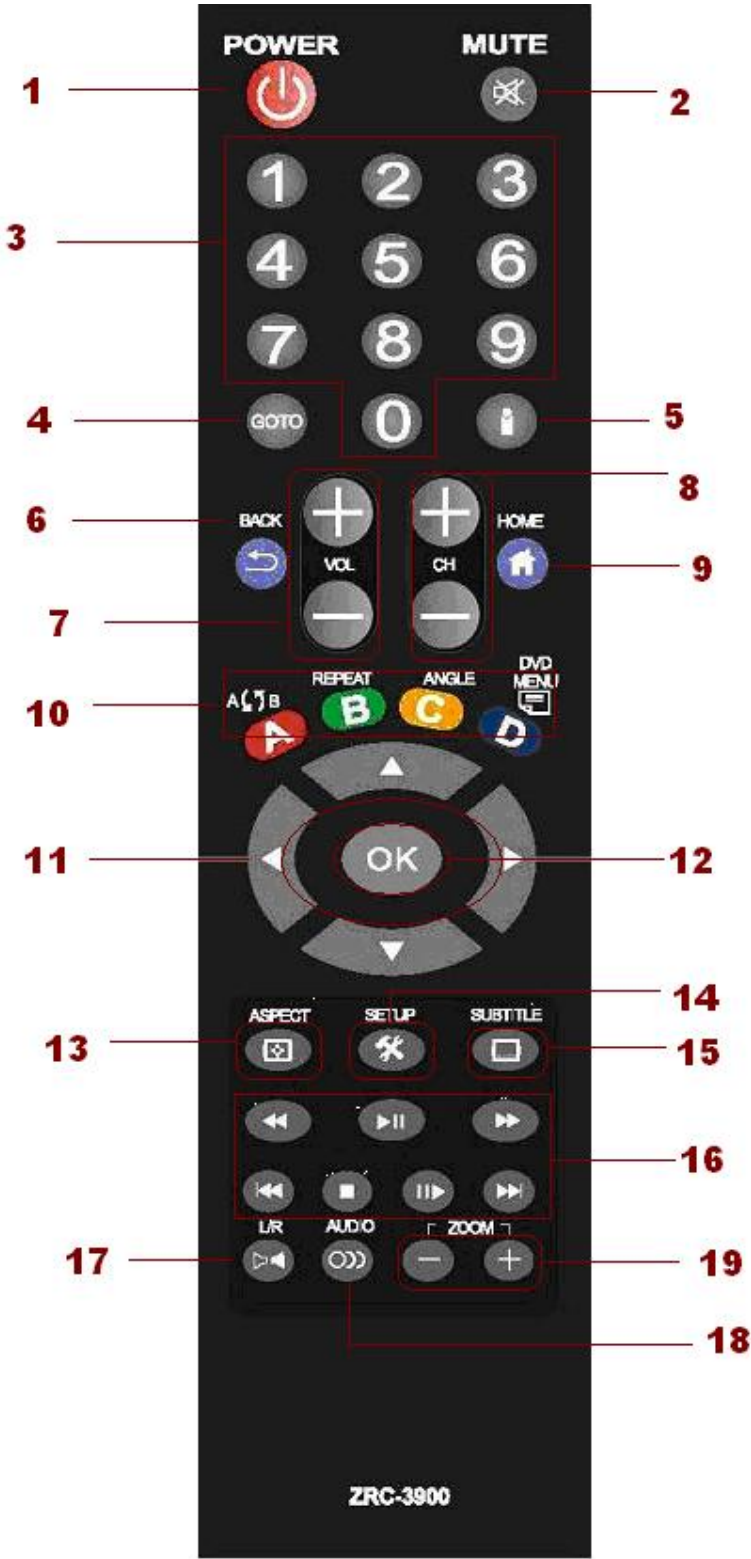
- ☐ **Power** Press  to turn the ZIN-5005HD on.
- ☐ **Network LED** The LED blinks when ZIN-5005HD accesses to Network.

Back View





























- ☐ **DC IN:** Connects to the DC output of the power adapter.
- ☐ **USB Port:** Plug the supported USB devices into USB ports, such as USB hard drives, cameras, camcorders and wireless USB dongles.
- ☐ **LAN:** Connects to the RJ-45 Ethernet 10/100 based network. Not compatible with the telephone line.
- ☐ **HDMI OUT:** Connects to the HDMI jack on the display; a single cable transmits both audio and video data.
- ☐ **S/PDIF:** Connects the ZIN-5005HD to a display that has an optical digital audio port, using an optical digital audio (also called S/PDIF) cable.
- ☐ **AUDIO L/R/ VIDEO:** Connects to the display with the VIDEO IN/ AUDIO L/R IN jacks on the display using VIDEO (Yellow)/ AUDIO L (White)/R (Red) cables.
- ☐ **Y/Pb/Pr:** Connect to a Y/Pb/Pr-compatible display using three video (Y/Pb/Pr) and two audio jacks (AUDIO L/R), through a component video cable with green, blue, and red connectors.

REMOTE CONTROL



REMOTE CONTROL

1		POWER	Press to turn on the ZIN-5005HD; press again to switch to stand-by mode.
2		MUTE	Press to mute the sound.
3		Number	0-9 number keys for selecting desired options.
4		GOTO	Video/movie chapter selection.
5		INFO	Display the information of media files while in play mode.
6		BACK	Return to the previous display.
7		VOL	Increase/decrease the volume.
8		CHANNEL	Reserved keypad.
9		HOME	Hot key to the main OSD menu.
10		REPEAT REPEAT A-B	Enable/disable repeat of file playback. Press once to mark desired repeat point A; press again to mark desired repeat point B; press yet again to turn this feature off
		ANGLE DVD MENU	Switch DVD display angles. Show DVD Menu.
11			Navigate through menu screen or media libraries.
12		OK	Confirm or select.
13		ASPECT	Adjust aspect ratio
14		SETUP	Enter setup menu
15		SUBTITLE	Switch subtitle files.
16			MULTI-FUNCTION: Refer to the

			instructions in the screen.
		PLAY/ PAUSE	Play/pause selected file.
		PREV	Return to previous file.
		NEXT	Go to next file.
		STOP	Stop playback and return to the previous screen.
		SLOW MOTION	Play films in slow mode.
17		L/R	Enable/disable Left/Right speaker.
18		AUDIO	Switch audio outputs.
19	 	ZOOM	Zoom video or image display on screen.

2 SETTING UP ZIN-5005HD

Step1: Cable connections.

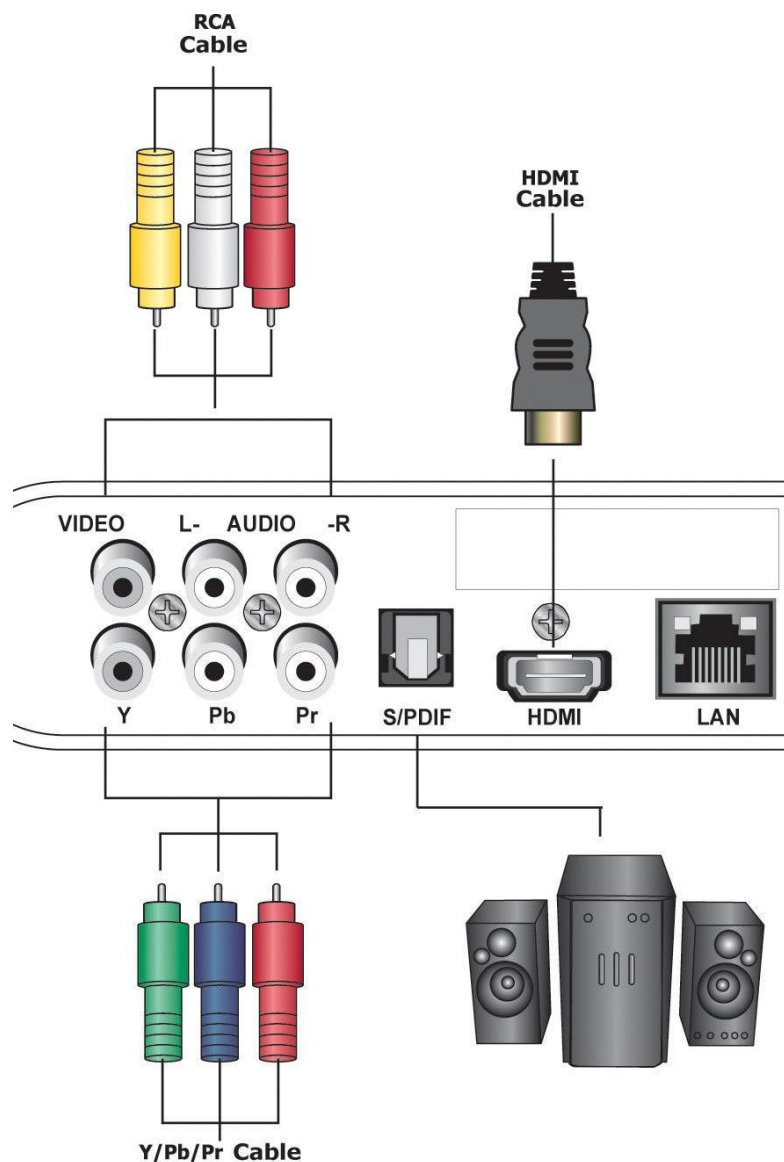
Match the cables to the connections on your TV or display. Your choices of connection include:

HDMI For both audio and video output

RCA Cable For composite video (yellow) and stereo audio (white and red)

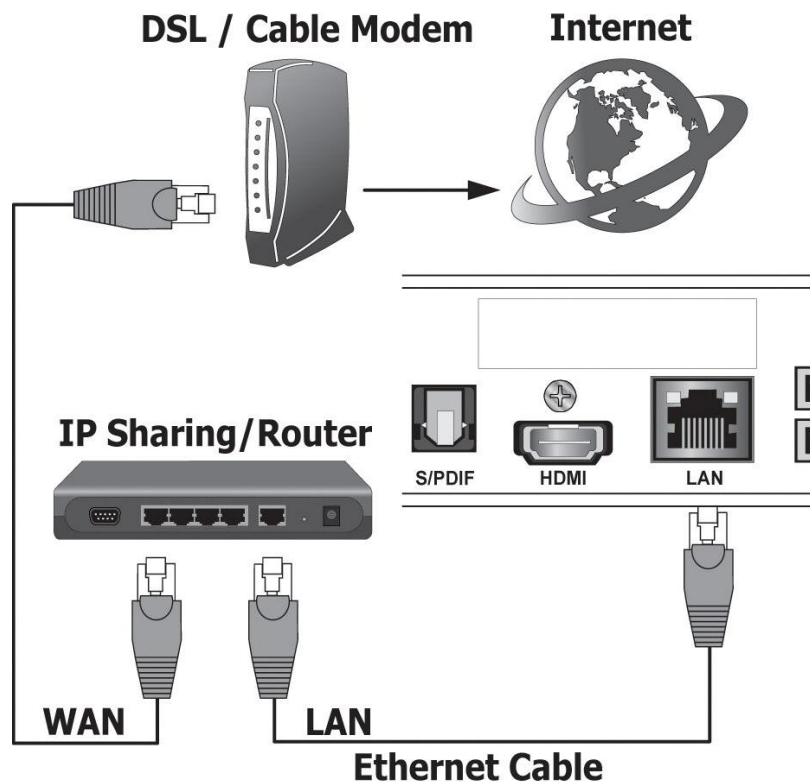
Y/Pb/Pr (RGB) For component video output

S/PDIF For audio output

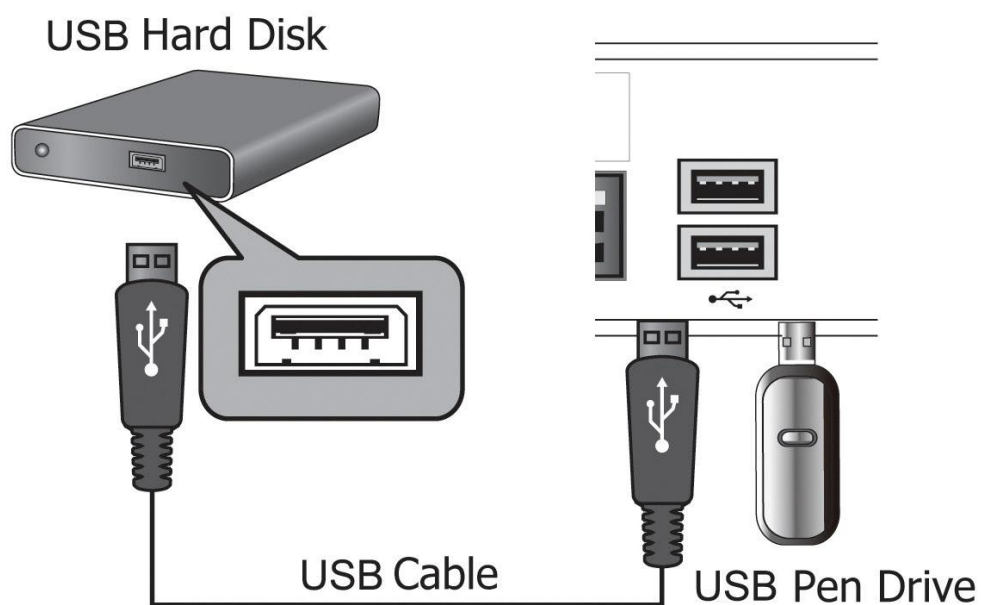
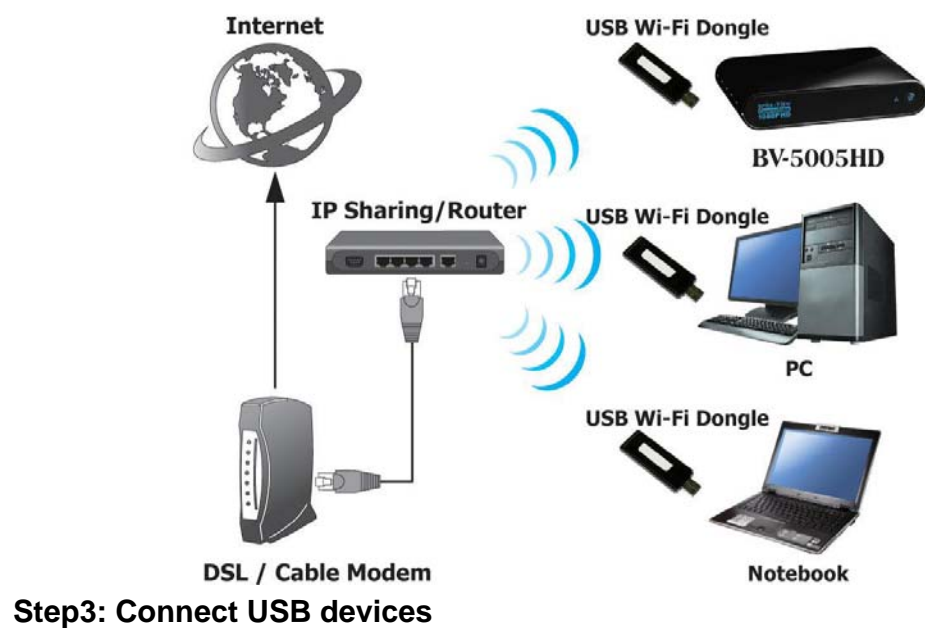


Step2: Connect the ZIN-5005HD to the home network through wired LAN (Option A) or wireless LAN (Wi-Fi 802.11 b/g/n) (Option B)

- A. Plug the Ethernet cable to the “LAN” jack on the rear panel of ZIN-5005HD, for wired Internet connection. ZIN-5005HD will detect the network automatically.



- B. If you have the optional wireless USB dongle we approved, it is possible to connect ZIN-5005HD to the network wirelessly using Wi-Fi 802.11 b/g/n. You need to plug the USB dongle into one of the USB port on the front panel of the ZIN-5005HD and connect to the internet through wireless IP sharing router. You may need to know your wireless AP, name of the router, and encryption keys in order to set up correctly.



Step4: Power cord connection

Plug one end of the power cord into the back of the ZIN-5005HD and the other end into a power outlet. ZIN-5005HD will start automatically without pressing any other button once the power is connected.

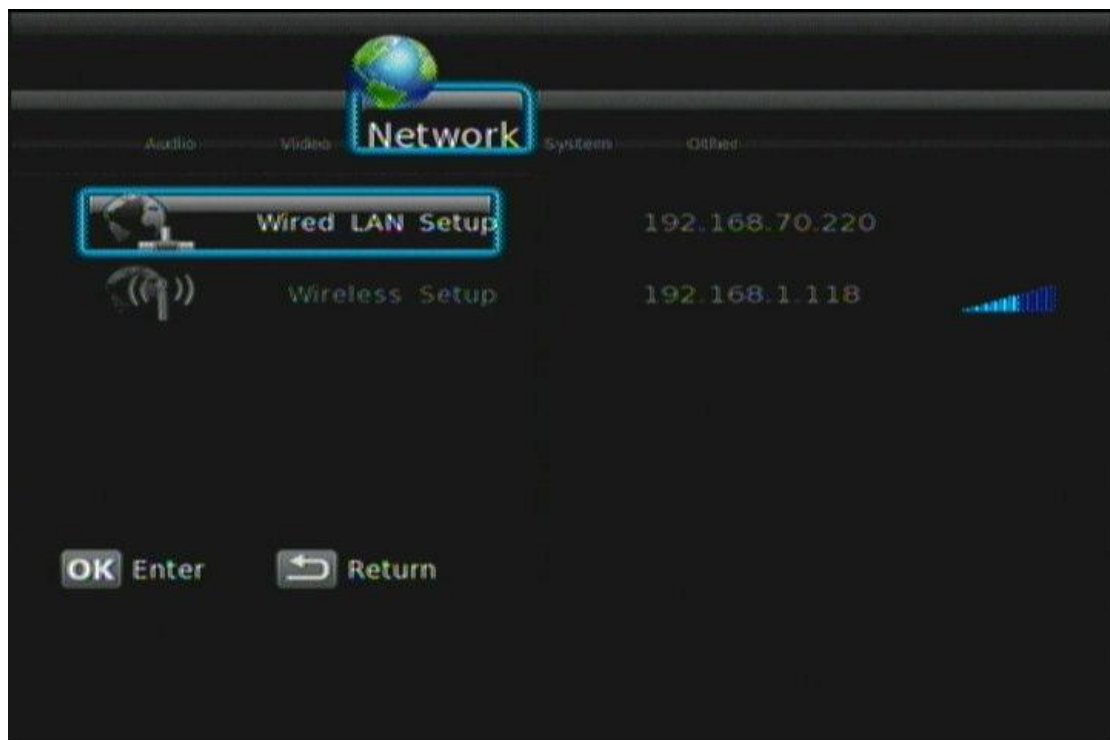
Step5: Switch your TV Input/Source

After choosing the desired video and audio connection, you need to select

appropriate video input mode using the remote control for your TV/display to switch to the corresponding video output by pressing the **Input/Source** button on the remote control.

3 Network Connections

▲ Network Connections: needed only when using “PC Media” and “Download Media” features.

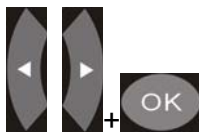


If your wired network equipment such as the IP Sharing router or AP (Access Point), uses DHCP to assign IP address, by default the ZIN-5005HD will automatically request the IP and other related information to set up ZIN-5005HD

over the network in **DHCP** mode (under **Setup> Network >Wired**). If your network does not have DHCP server, switch to the **Static IP** mode (under **Setup> Network >Wired**) and set up various parameters manually. If you have a compatible wireless USB dongle, and have already set up the wireless router/AP according to the instructions that come with the dongle, please enter **Setup> Network> Wireless** mode to input the WEP or WPA keys.

Wired Network Setup

> DHCP



Step 1: To access “Setup” on the main menu. Select “Network”.

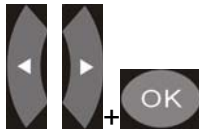
Step 2: Select “Wired” on the Network menu. Select “DHCP”.



Step 3: Select Yes to implement DHCP network setting. ZIN-5005HD will automatically receive its IP address from a DHCP sever that is built into the

access point or IP sharing router.

> Static IP



Step 1: Select “Wired” on the Network menu.
Select “Static IP”.

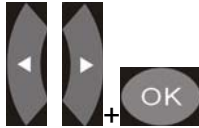


Step 2: Input the value **IP Address**, **Subnet mask**, **Gateway**, and **DNS** text box respectively.

PS Please acquire information of these setting values from your ISP (Internet Service Provider) first.

Wireless Network Setup





Step 1: Select “Wireless setup” on the Network menu..



Step 2: ZIN-5005HD provides you multiple profiles for use across multiple networks.

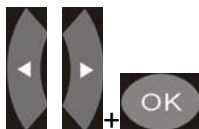
Note:

_ ZIN-5005HD supports WPA-PSK and WPA2-PSK encryption modes only.

_ Please use I-BT approved WI-FI dongle for wireless connection.

> Infrastructure (AP)

ZIN-5005HD performs a list of current wireless network connections- “SSIDs”. Along with its security protocols (WEP/WPA/WPA 2 key) and signal strength.



Step 1: Select your preferred wireless network connection.

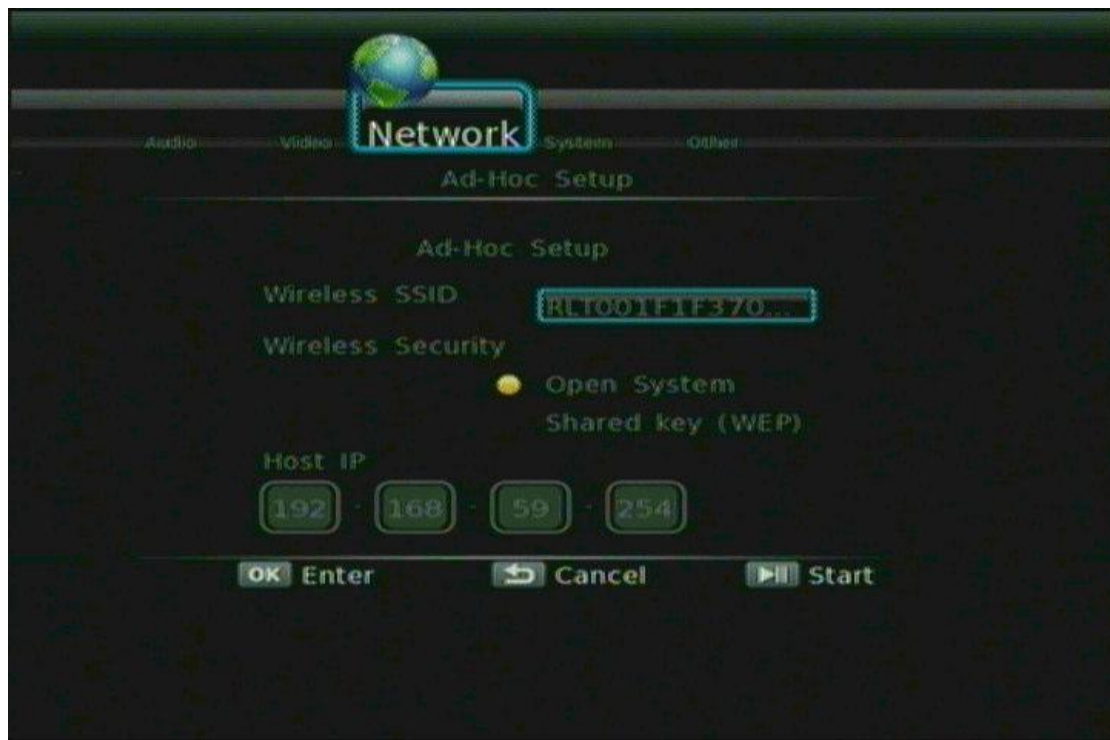


Step 2: If an access key is required for the network connection, the keyboard will

pop up.

Once the wireless network setup is successful, the “**SETUP SUCCESSFUL**” screen will appear.

> Ad-Hoc Setup



Rename SSID

Rename your wireless network connection.

Wireless Security

Set your wireless network as an open system or have it protected by WEP key first, in order to connect the ZIN-5005HD to the network.

File sharing Configuration

To activate this feature, please make sure:

- ◆ The ZIN-5005HD is connected to the network;
- ◆ The network is properly set up. For more information on this part, please refer to “Step 2” in “Setting up ZIN-5005HD” section, and “Network” under “Setup Menu”.

To allow the ZIN-5005HD to access folders on your computer, you need:

- 1) ZIN-5005HD already connected to the network
- 2) to designate the folders/files on your PC as shared resources.

Please refer to Microsoft’s official website:

http://www.microsoft.com/windowsxp/using/networking/setup/home_net.msp

to see the initial and detailed process of Home Network Setup in Windows XP.

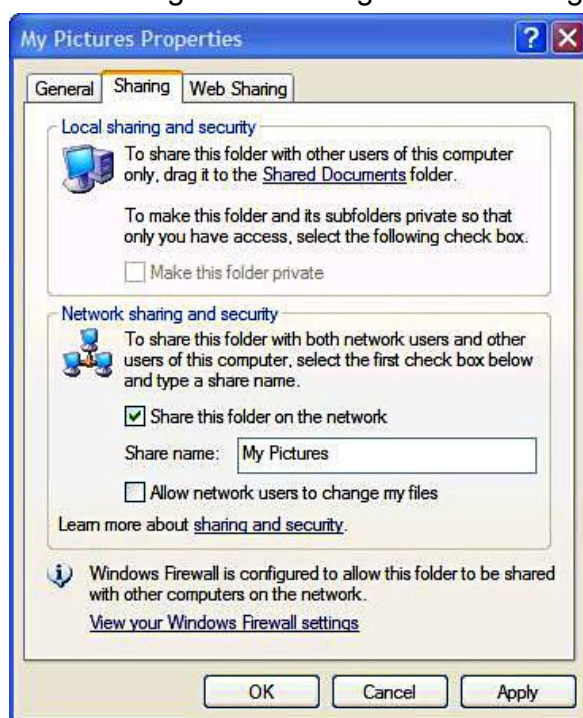
Please refer to the following instructions to allow the ZIN-5005HD to access the shared folders on the remote PC.

Step 1: Right click on the folder to be shared and select **Sharing and Security**.

Step 2: If this is the first time you intend to share a folder, Windows XP will prompt a warning message, urging you to use the Network Setup Wizard for safety purpose. Choose to either run the Wizard or do it yourself. XP will display another warning. If you want the firewall enabled, select **Use the wizard to enable file sharing**. Otherwise, **select enable file sharing**.

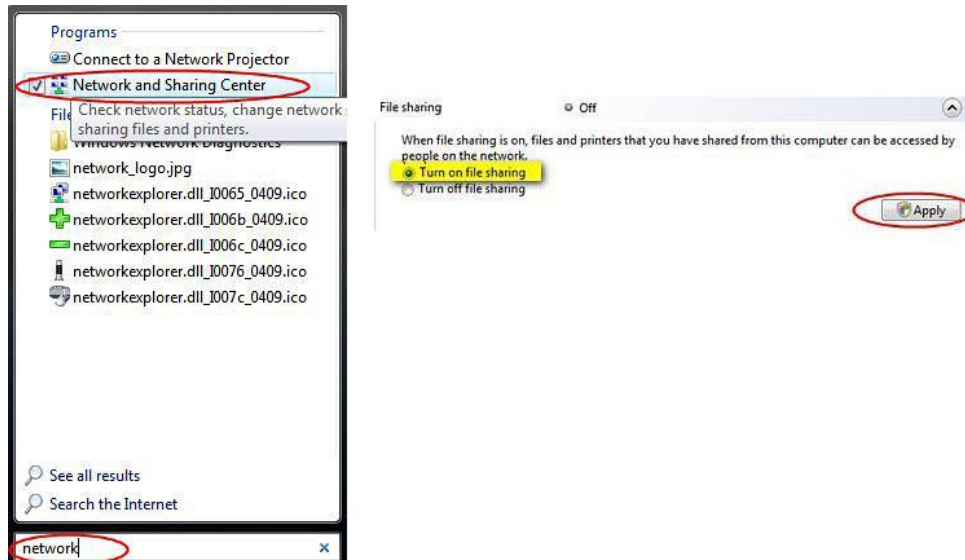
Caution: File sharing may lead to security problems since, by definition, it gives other users access to the content of a part of the hard drive. As a result, it is essential that you share only folders for which it would not be extremely important if their contents are revealed.

Step 3: You may now specify a “**Share Name**”, which will be used for users on the network to access the shared folder. The icon of the shared folder will be changed to showing a hand holding the folder.



If your operating system is Windows Vista, please refer to the following instructions:

- (1) Open the **Control Panel** and then open **Network and Sharing Center**.
- (2) Click the **down arrow** to the **right** of **File Sharing** to expand it.
- (3) Click **Turn on file sharing** and then click **Apply**.

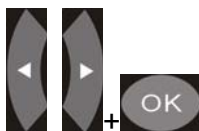


You may also refer to **Setup** menu on the OSD screen of ZIN-5005HD to select wired or wireless connection.

4 Media Center



Remote



Description

Enter **OSD Menu > Play Media**

Under **Play Media**, select the media source from USB Device/ PCs/ UPnP/ Playlist.



Open your selected folders. A folder/file list will be shown on the left.



Play the selected video/music/photo file.

> **USB Media**

ZIN-5005HD searches and plays all available image, music and video files on the external USB device.

> **PC Media**

Connect ZIN-5005HD to your PC using a USB 2.0 cable. By connecting your PC to the Local Area Network, you can play the media files on the remote PCs. Before you do so, please confirm the network settings and file-sharing setup have been finished successfully. (See Chapter 3 for more information.)

Note: The limitation on the HD video content playback over the network: The HD video quality may suffer when the video is streamed over the network. This is caused by intranet environment limitations. As a result, users might sometimes experience unsmooth video playback. Therefore, we recommend a wired Intranet for best playback quality, although the transmission over WiFi and PLC is supported.

> **UPnP**

UPnP (Universal Plug and Play) allows you to connect UPnP-enabled devices (available on the network) and share their content with the media player. When you enter UPnP application, ZIN-5005HD will automatically detect the PCs inside LAN. Please make sure that your PC supports Windows Media Player Version 11 and higher. Due to compatibility issue, some PCs may not support UPnP.

> **Playlist**

Playlist allows you select a sequence of music, photo and video files stored on the HDD. You can configure any sequence of music, photos, and video files to create a playlist.



Remote

Description



+

Add to Playlist

Select/cancel the files which will be added.



Edit

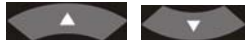
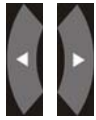
Rename/delete file.

Note: For the files added to the playlist, ZIN-5005HD will categorize the media files with video/music/photo tags.

VIDEO PLAYBACK



Remote



Edit

Description

Enter **Play Media > Video Playback** .

Navigate the media file you want to play. The preview window will show the highlighted

Rename/delete file.



Add to Playlist

Add selected file to Playlist.



Back

Return to previous display.



Full screen mode.

Remote



Play/pause selected file.



Rewind/Forward



Slow motion.



Return to previous file.



Go to next file.



Zoom

Zoom in/out on photos or movies.



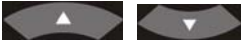
Stop playback and leave full screen mode.

MUSIC PLAYBACK



Remote

Description



Enter Play **Media > Music Playback**

Navigate the media file you want to play. The preview window will show the file details of highlighted file.



Edit

Rename/delete file.



Add to Playlist

Add selected file to Playlist.



Back

Back to previous display.



Play selected file.



Play/pause selected file.



Fast forward.



Rewind.



Slow motion.



Previous file.



Go to next file.



Stop playback and return to the previous display

PS Music will continue playing as the background music when you leave MUSIC


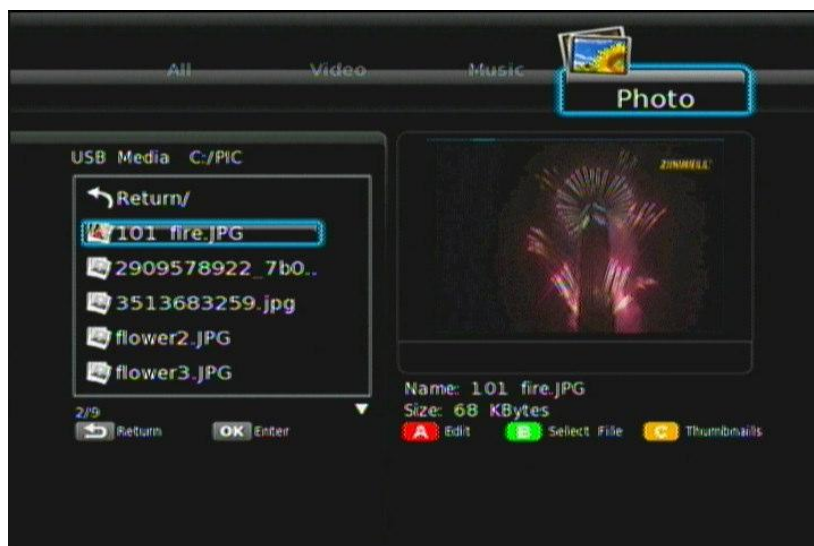
PLAYBACK menu. Press  to stop playing.

PHOTO PLAYBACK



Remote



Description

Enter **Play Media > Photo Playback**

Navigate the media file you want to play. The preview window will show the file details of highlighted file.



Edit

Rename/delete file.



Add to Playlist

Add selected file to Playlist.



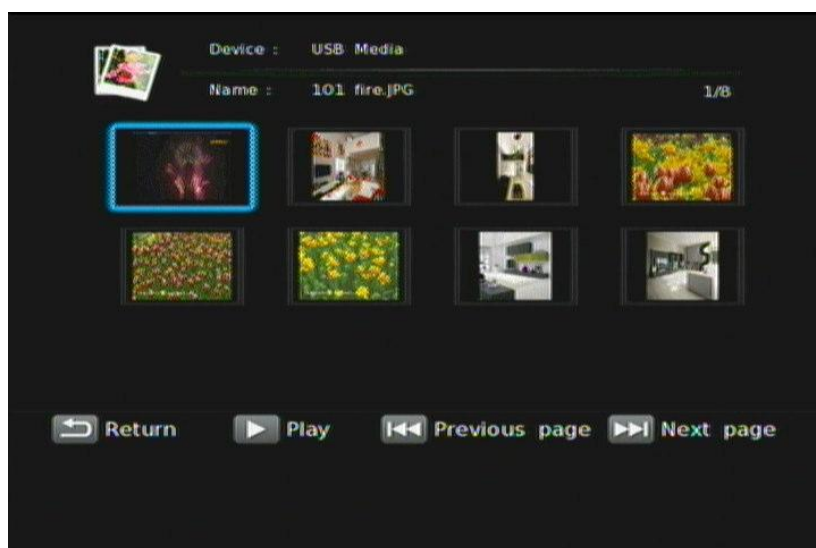
Back

Back to previous display.



Full screen mode.

THUMBNAIL MODE



Remote

Description



Full screen mode.



Back

Back to previous display.



Previous file.



Go to next file.



Leave thumbnail mode.

FULL SCREEN MODE



Remote

Description



Previous picture



Next picture



Rotate the viewing picture counterclockwise



Rotate the viewing picture clockwise.



Leave full screen mode.

PS You can choose the preferred slide show effects in **Setup** menu. If you'd like to turn off the function, please enter **Setup > Other> Transition Effect**.

To add background music to the slide show, simply add the music file(s) to the same photo folder. Otherwise, there will be no background music when viewing the slideshow.

5 BONUS FEATURES

Torrent Download

To activate this feature, please make sure:

- ◆ The ZIN-5005HD is connected to the network;
- ◆ The network is properly set up. For more information on this part, please refer to “Step 2” in “Setting up ZIN-5005HD” section, and “Network” under “Setup Menu”.




BitTorrent is the leading and the most common peer-to-peer file-sharing communications protocol. The ZIN-5005HD’s built-in BitTorrent client/engine allows this product to download media files to the external USB device or to the remote PC. This BT download process is computer-free. First, you need to prepare at least one USB hard drive with at least 20GB of free capacity, in the format of NTFS or EXT-3, and connect it to the USB port on the front panel of the ZIN-5005HD.

Caution: Please do not download illegal files or contents.






Step 1: Connect external USB device into ZIN-5005HD USB port.

Step 2: If your external hard drive has not been formatted, the warning message “This action will erase all data on the device. Are you sure to continue?” will




appear to remind you to format your hard drive. Press   +  to select **Yes** to format your

USB storage device. It may take up to several minutes, according to the size of your USB device.




Step 3: A message will pop up to ask you to choose either the external hard drive or the remote PC as the media download destination. Press   +

 to select one for the .torrent seeds.

Note: Please make sure torrent seeds are already imported to the external hard drive or on the network PC before downloading media files associated with the .torrent seeds to your PC or USB devices. Files cannot be downloaded if there is less than 10% of the capacity left on the USB drive.

Step 4: Press   +  to select .torrent files to download, and then you can see the download process page. To ensure the system's efficiency, only 3 download tasks will take place

simultaneously, and each .torrent file will be downloaded in sequence. You can

also press   +  to adjust the priority of the download files. To see the downloaded files in your USB devices, see **USB Media** menu. For more information on Download Media Step-by-Step, please visit http://www.i-bt.com.tw/US_about%20.html.

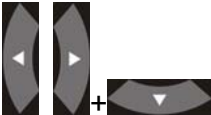
Note: When you remove the HDD/USB device, a window will pop up and show message "Warning! BT HDD has been removed, the system will restart".

6 SETUP MENU



AUDIO

Remote



Description

Enter “Audio” setup menu.



Select the item for adjustment.



Confirm the change.



Return to previous display.

Item

Options

Night Mode

On/Off

Digital Output

HDMI LPCM

HDMI RAW

SPDIF LPCM

SPDIF RAW

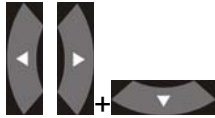
Change Audio L/R

L/R

L/L
R/R

VIDEO

Remote



Item

Aspect Ratio

Resolution

Description

Enter “Audio” setup menu.

Select the item for adjustment.

Confirm the change.

Return to previous display.

Options

Pan Scan 4:3

Letter Box 4:3

Wide Screen 16:9

Full Screen

HDMI Auto

NTSC

PAL

480P

576P

720P 50HZ

720P 60HZ

1080i 50HZ

1080i 60HZ

1080P 50HZ

1080P 60HZ

SYSTEM

Remote



Item

Menu Language

Text Encoding

Subtitle Size

System info

Software

Update

Default Setting

Description

Enter "Audio" setup menu.

Select the item for adjustment.

Confirm the change.

Return to previous display.

Options

English

Traditional Chinese

Español

Français

Simplified Chinese

Unicode (UTF 8)

简体中文 (GBK)

繁體中文(BIG5)

Big

Moderate

Small

Software Version/ BOX ID/

Customer ID/ MAC Version/ IP

Address/ Subnet Mask/

Gateway/ DNS

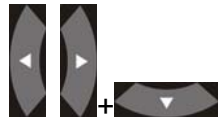
Online Update

USB Update

Cancel/OK

MISCELLANEOUS

Remote



Description

Enter "Audio" setup menu.



Select the item for adjustment.



Confirm the change.



Return to previous display.

Item

Options

Slide Show Timer

Off/2,5,10,30 Seconds/1,2 Minutes

Transition Effect

Off/Cross Fade/Left to Right/Top to Bottom/Waterfall/Snake/Dissolve/Strip Left Down/All Effect Shuffle

Background Music

Off/On

Screen Saver

Off/On

Movie Preview

Off/On

AUDIO SETUP-"Night Mode" (aka Dynamic Range Control)

When the Night Mode is enabled the sound level of compatible audio soundtracks will be dynamically compressed. Dynamic range control (DRC) increases low-level audio content (such as the dialog in the movies), making it easier to be heard at low volume levels while reducing the intensity of higher-level audio content at the same time.

"When you're listening to movie dialogue late at night and have to turn down the volume during loud scenes, the dynamic range suffers and you may miss some dialogue and other sounds. With the Night Mode on, you can reduce the volume but still enjoy proper tonal balance and dynamic range."

7 Troubleshooting

The following reference list represents situations that you may encounter, and methods for remedy. Please refer to this checklist prior to contacting qualified service personnel. You can also visit the FAQ page on http://www.i-bt.com.tw/US_about%20.html

Symptom

No picture is displayed.

Remedy

- ◆ Check the power cord connection. Or connect the power cord to another power outlet.
- ◆ Are the Component Y/Pb/Pr/ AUDIO L/R cables or HDMI Cable loose or disconnected? Make sure one of connections is correct.
- ◆ Try the "SOURCE" button on the remote control of the external display/ TV, to select the correct input source.

When entering "PC Media" sure menu, the available PC list is cable not displayed.

- ◆ Check your wired/ wireless connection to make that it's working properly. Use an Ethernet LAN to connect from the Network jack of the ZIN-5005HD o the network router or Access Point. Or check the setting between your external USB wireless dongle and IP sharing.
- ◆ Check your Network Setting of the Setup menu.
- ◆ Check the setting on the shared folder/file on your computer.

On "USB Media" menu under the main menu, no USB device is searched.

- ◆ Check USB device is already firmly connected.
- ◆ Check the format of your USB drive: is it in NTFS/EXT-3 format?

The BT multimedia files can't

- ◆ For BitTorrent, users need to set up port forwarding on the TCP range 6881-6890 of Access Point or IP sharing.
- ◆ Your Internet bandwidth will limit BT download

speed

◆ BT is a peer- to-peer download technology. It requires more people or torrents to share the files at the same time.